

LUKACS, Gyula, dr.

~~1. 12. 1963. évi mérési eredmények~~

Correct use of measuring units. Meres automat 11 no.12:391 '63.

1. "Meres es Automatika" szerkeszto bizottsagi tagja.

LUKACS, Gyula; TUSNADI, Gyozo; VANGER, Eva

Growth of meat production in fish hatcheries with regard to the number of fishes and their initial weight. Allattani kozl 51 no.1/4:71-76 '64.

1. Chair of Zoology, College of Agriculture, Keszthely.

ALMASSY, Gyorgy, dr.; BOROMISZA, Gyula; FERENCZY, Jeno; HAAS, Andras; JUHASZ, Endre; KEMENY, Tamas; KOVACS, Ivan; LESZTAR, Jozsef; LUKACS, Gyula, dr.; PETIK, Ferenc; SZLAVIK, Ferenc; SZOMBATHY, Emil, dr.; TARNAY, Kalman, dr.

Lectures delivered at the 3d International Measurement Conference.
Meres automat 12 no.9:270-292 '64.

1. Editorial board member, "Meres es Automatika" (For Almasy, Boromisza, Juhasz, Kemeny, Lukacs and Tarnay).

LUKACS, Gyula; SCHANDA, Janos

Continuous absorption gauges for industrial purposes. Elelm
ipar 19 no.3:83-88 Mr '65.

1. Central Research Laboratory of Measuring Technique, Budapest.

LUKACS, I.

The manufacture of revolving shutters.

p. 177 (Faipar) Vol. 7, no. 4, Sept. 1957, Budapest, Hungary

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

RUMANIA/Chemical Technology - Chemical Products and Their
Applications - Ceramics, Glass, Bonding
Materials. Cements.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 36930
Author : Stoicovici, E., Lukacs, I., Stoikovici, F.
Inst : -
Title : Study of Kaolins found in RPR and Means of Their
Exploitation.
Orig Pub : Studii si Cercerari Chem. Acad RPR fil. Cluj. 1957,
8, No 1-2, 99-122
Abstract : No abstract.

Card 1/1

RUMANIA/Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour: Ref Zhur-Khim., No 13, 1958, 42927.

Author : Stoicovici E., Lukacs I.

Inst : Rumanian Academy.

Title : Thermo-Differential Studies of Some Kaolins of
Rumanian People's Republic.

Orig Pub: Studii si cercetari chim. Acad. RPR Fil. Cluj, 1957,
8, No 1-2, 123-124.

Abstract: 20 specimens of "kaolin" from different Rumanian
deposits were investigated by thermal differential
analysis. Chemical composition range (in %): SiO_2
40.64-65.65, Al_2O_3 19.06-39.77, Fe_2O_3 0.08-2.80,
 CaO 0.35-6.25, MgO 0.09-1.41, K_2O 0.56-5.48, Na_2O
0.16-2.27, losses on calcination (1000°) 5.48-22.05,
 H_2O^- (150°) 0.56-7.60. In addition, roentgenograms

Card : 1/2

RUMANIA/Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour: Ref Zhur-Khim., No 13, 1958, 42927.

have been obtained and crystal-optical measurements have been made. All the specimens are subdivided into 3 categories: 1) kaolins proper, 2) hydromicaceous kaolins, and 3) halloysitic hydromicaceous kaolins. The authors propose the use of thermal analysis for a preliminary determination of the principal mineralogical composition of kaolins.

Card : 2/2

LUKACS, I.

FAIPAR. (Faipari Tudományos Egyesület) Budapest.

Investigation of the increase in production and possibilities of the manufacturing development within the present local conditions of the Esslingen-system wood blind, the woven-wood blind, the blind rod, as well as the sun-protection installations. p. 263.

Vol. 8, No. 8/9, Aug./Sept. 1958.

Monthly List of East European Acquisitions (EEAI), LC, Vol. 8, No. 3,
March 1959 Unclass.

21
A study of the thermal reactions between sodium metaphosphate and the sodium salts of some oxy-acids. I. C. Liteanu, I. Lukács, and C. Struslevici. Acad. rep. populare Romîne, Filiala Cluj, Studii cercetări chim. 9, 101-9(1958).—The successive formation of different possible compds. in thermal reactions in the system Na trimetaphosphate- Na_2CO_3 was studied. The mixts. trimetaphosphate-carbonate studied were in the following molar ratios: 3:1, 2:1, and 5:3 at 370° to 570°. In all cases, the Na triphosphate is formed as a primary compd. without any dependence of molar ratios and temp. The limiting factor of the reaction up to 520° is the rate of diffusion of the reacting substances through the layer of the primary compd. found. The proportion of the reacting substances acts on the course of the reaction probably by determining directly the max. rate of diffusion from the Na metaphosphate to the carbonate or reciprocally. At 570°, the reaction begins spontaneously in the whole mixt. by the formation of Na triphosphate even when the mixt. contains an excess of Na_2O . At the end of the reaction, the triphosphate is transformed into the compd. corresponding to the molar ratio of the reagents. C. Heitner-Wirgin

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LUKACS, Ida, dr., orvos; KISS, Emil, dr., orvos

Dermatological aspects of labor hygiene in mines. Bany lap
98 no.3:183-185 Mr '65.

1. Salgotarjan District Council Hospital of Skin and Venereal
Diseases (for Lukacs). 2. Safety Engineering Group of the
Nograd Coal Mining Trust, Salgotarjan (for Kiss).

LUKACS, Ileana; LITEANU, C.; STRUSIEVICI, Constanta

About vanadates. Pt.4. Studii cerc chimie Cluj 14 no.2:
265-270 '63.

1. Institute of Chemistry, Rumanian Academy, Cluj Branch.

KOVATS, Tibor, Gyorgy.; MAGOS, Laszlo.; FORRO, Laszlo.; FISCHER,
Gyorgy, LUKACS, Ida.

Schwartzmann phenomenon induced by azoprotain from homologous
and heterologous serums. Kiserletes orvostud. 7 no.1:92-95 Jan 55.

1. Szegedi Orvostudományegyetem Kozegeszsegtani Intezete es Bor- es
Nemibeteg Klinikaja.

(ALLERGY, experimental,

Schwartzmann phenomenon induced by azoprotein from
homologous & heterologous serums)

KOVATS, T. G.; MAGOS, L.; FORRO, L.; FISCHER, G.; LUKACS, I.

Shwartzman phenomenon elicited by azoprotein prepared from homologous or heterologous serum. Acta physiol.hung. 7 no.1-2: 113-118 1955.

1. Institute for public health and department of dermatology and venerology, University Medical School, Szeged.

(ALLERGY, experimental,

Shwartzman phenomenon prod. with azoproteins from homologous & heterologous sera)

(PROTEINS, effects,

azoproteins prod. Shwartzman phenomenon, extraction from homologous & heterologous sera)

LUKACS, J.

"The role of monochlorocarbamide in makin wool unshrinkable." p. 110

MAGYAR TEXTILTECHNIKA (Texilipari Muszaki es Tudomanyos Egyesulet)
Budapest, Hungary, Vol. 11, No. 3, Mar. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

LUKACS, Jozsef, gepeszmernok

Using alternating currents in the auxiliary equipments of ships. Jarmu mezo gep 10 no.5:180-186 My '63.

1. Magyar Hajo- es Darugyar Obudai Gyaregysege.

LUKACS, J.

Electrical Engineering Abst.
Vol. 57 No. 673
Jan. 1954
Electrical Engineering

2
① 621.316.89 : 621.316.933
149. Non-ohmic resistances for overvoltage diverters.
J. LUKACS. *Elektrotechnika*, 45, 363-70 (Nov.-Dec.,
1952) in Hungarian.

Describes the development and manufacture of
silicon-carbide resistors in Hungary, their charac-
teristics and their application in protective circuits.

T. P. BRONY

LYEAGS, J. & Co. 11-1
Conductors

3999. Stated copper-aluminum junctions. B.
ROMER AND J. LUKACS. *Elektrotechnika*, 46, 81-6
(March, 1953) *Deffingerman*.

The standard methods of joining copper to copper
and their applicability to Cu-Al junctions are dis-
cussed. It is concluded that the only satisfactory
method is hot-pressing. A new high-temperature
process is described in which a junction piece of
gradually changing composition is produced so that
one end is pure Cu, the other pure Al. Electrical,
mechanical and porosity tests are described and
possible fields of application indicated. T. P. ARDOR

①

Lukacs, Jozsef

✓ 8884 (Hungarian) Joining of Aluminum to Copper and
Iron for Electrical Conductors. ¹⁸ ¹⁸ ¹⁸ ¹ ¹ ¹
Vasal elektromos vezeték számára. Jozsef Lukacs. Kohászati
Lapok, v. 11, Oct. 1936, p. 478-480.
Connections produced by powder metallurgy. By high-voltage
fusion Ag coatings were also produced on Al surfaces.

LUKACS, J.

1341. THERMO-ELECTRIC GENERATORS USING SEMI-
CONDUCTORS. J. Lukacs.

Elektrotechnika, Vol. 60, No. 4, 121-30 (April, 1957). In Hungarian.

Certain industrial applications are discussed of thermo-electric generators (i.e. devices converting heat energy to electricity) and their efficiency studied. The potentialities are investigated of building a thermo-electric generator with semiconductors based on the Nernst-Ettinghausen effect. Certain theoretical aspects are treated.

J. Csuros

Jan. 1/

LUKAS, J.
luk

Distr: 4E2c

86. Nonlinear resistance primarily for lightning arresters.
J. Lukas. Thesis for the degree of candidate of
science. 1957, 101 p. 45 figs.

27 The subject is treated in the following three steps:
silicon-carbide crystals granules, polycrystalline silicon-carbide systems without bonding material and nonlinear resistances. The rectifying property of silicon-carbide granules doped to p and n is investigated in

relation to the breakdown tests on silicon-carbide granules. The characteristic field strength of the material and the nonlinearity constant in polycrystalline systems under pressure are determined by means of direct and impulse currents. The electrostatic and electrodynamic stresses occurring inside the discs as well as the heat conditions on the crystalline granules are dealt with in the light of the development of silicon-carbide resistances. It is established that by removing the contaminating atoms the nonlinearity constant improves. The last chapter deals with the design of silicon-carbide resistances for impulse and continuous service.

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11

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S/194/62/000/010/042/084

A061/A126

AUTHORS: Lukács, József, Molnár, István, Királyfalvi, István

TITLE: A method for the hermetic sealing of semiconductor devices

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 10, 1962, 27, abstract 10-4-53ya P (Villamosipari Kutató Intézet, Hung. pat., cl. 21g, 1 - 16, no. 147250, July 15, 1960)

TEXT: The design of a cuprite or aluminum hermetically sealed socket is presented. The socket is placed inside a casing which is shut off on top under pressure such that, after its edges have been compressed, there remains an opening of 2 - 3 mm which is sealed up with soft or hard solder. A dehumidifier is introduced into the socket.

N.S.

[Abstracter's note: Complete translation]

Card 1/1

CSEGERO, Janos; URBANEK, Janos, dr., a muszaki tudomanyok doktora, Kossuth-díjas; LUKACS, Jozsef, dr., a muszaki tudomanyok kandidatusa; BODI, Gyula.

The 10-year-old Research Institute of the Electric Industry.
Elektrotechnika 53 no.8:362-367 '60

1. Koho- es gepipari miniszter (for Csergo). 2. Villamosipari Kutato Intezet igazgatoja; "Elektrotechnika" szerkeszto bizottsagi tagja (for Urbanek). 3. Villamosipari Kutato Intezet felvezeto laboratoriumanak vezetoje (for Lukacs). 4. Erosaramu Berendezesi Igazgatóság vezetoje, iparigazgato (for Bodi).

LUKACS, Jozsef, dr.

Application of P-n layers in the heavy-current industry.
Electrotechnika 54 no.1/2:63-66 F '61.

1. VKI felvezeto laboratoriumanak vezetoje.

LUKACS, Jozsef, dr., okleveles gepeszmernok, Kossuth-dijas; BOGOLY, Istvan, okleveles gepeszmernok; HORVATH, Fausto, okleveles villamosmernok

Testing of Hungarian-made overvoltage arresters in the "KEMA" laboratory. Pt.1. Elektrotechnika 56 no.4:147-156 Ap '63.

1. Villamosipari Kutato Intezet Felvezeto Laboratoriumanak vezetoje, Budapest, XII., Istenhegyi ut 29 (for Lukacs).
2. Villamosipari Kutato Intezet Felvezeto Laboratoriumanak tudomanyos osztalyvezetoje, Budapest, XII., Istenhegyi ut 29 (for Bogoly).
3. Villamosipari Kutato Intezet Felvezeto Laboratoriumanak tudomanyos munkatarsa, Budapest, XII., Istenhegyi ut 29 (for Horvath).

LUKACS, Jozsef, dr.

"Semiconductor elements" by W. Guggenbuhl, M. Strutt, .
W. Wunderlin. Reviewed by Jozsef Lukacs. Elektrotechnika
56 no.6:284 Je '63.

LUKACS, Jozsef, dr., okleveles gepeszmernok, Kossuth-dijas, a muszaki tudomanyok kandidatusa

Activity of the Semiconductor Laboratory, Research Institute of Electric Industry in the past 15 years. Elektrotechnika 57 no.11/12:509-511 N-D '64.

Remarks about a new, semiconductor thermoinductive generator. Ibid.:520-524

1. Head, Semiconductor Laboratory, Research Institute of Electric Industry, Budapest, XII., Istenehyi ut 29.

LUKACS, J.; JABLONSKY, L.

Authors' experience with infectious intestinal catarrh caused
by E. coli 111 & 55. Gyermekgyógyászat 3 no. 5:152-156 May 1952.
(CML 22:4)

1. Doctors. 2 Pediatric Department, Istvan Metropolitan General
Hospital (Director -- Dr. Janos Vikol).

LUKACS, J.

Blood transfusion and hemotherapy in children. Orv. hetil., Budap.
93 no.3:91-96 20 Jan 52. (CLML 21:5)

1. Doctor.

~~JOSEF~~, Lukacs, dr. *Joseph*

Enterel infections in nurseries. Nepegeszsegugy 36 no.2:38-40
Feb 55

1. Kozlemeny az Istvan korhaz (igazgato: Vikol Janos dr.)
gyermekgyogyaszati osztalyarol (foc orvos: Lukacs Jozsef dr.)
(ENTERITIS, in infant and child
in Hungaria, nurseries)

LUKACS, Jozsef

Religious ethics and which is against it. (To be contd.) Munka 10
no.1:22-23 Ja '60.

LUKACS, J.

On the antibody-formation capacity of newborn and elder infants.
Acta med. hun. 15 no.1:267-273 '60.

1. Kinderabteilung des Istvan-Krankenhauses, Budapest.
 (ANTIBODIES)
 (INFANT NEWBORN)
 (INFANT)

LUKACS, K.

2585. TURBOGENERATORS WITH HYDROGEN COOLING.

K. Lukacs.

Elektrotechnika, Vol. 49, No. 7, 213-22 (July, 1956). In Hungarian.

A historical survey is given of the development of turbogenerators cooled with hydrogen. Advantages and disadvantages are discussed. Performance and constructional problems are considered and reference is made to the first hydrogen-cooled turbogenerator to be built in Hungary.

L. Csuros

BT
MT
RNA

LUKACS, Kornel, dr.

The role of adrenal cortex hormones in epinephrine leukocytosis.
Orv. hetil. 106 no.40:1883-1885 30 '65.

1. Korvin Otto Korhaz, I. Belosztaly.

LUKACS, Kornel, Dr.; GARZO, Gyorgy, Dr.

Antiepileptics in the therapy of paroxysmal tachycardia. Orv. hetil.
99 no.28:958-959 13 July 58.

1. Az Orszagos Mentoszolgalat Korhaza (foigazgato: Orovecz Bela dr.)
Belosztalyanak (vezeto: Stumpf Imre dr., belgyogyszer-foorvos) kozlemenye.

(ANTICONVULSANTS, ther. use
tachycardia, paroxysmal (Hun))

(TACHYCARDIA, PAROXYSMAL, ther.
anticonvulsants (Hun))

HUNGARY

LUKACS, Kornel, Dr; Korvin Otto Hospital of B.M. (A B.M. [Belugyminiszterium
-- Ministry of Interior] Korvin Otto Korhaza) (director: KARDOS, Laszlo, Dr),
I. Medical Ward (I. Belosztaly) (chief physician: SIKLOS, Aladar, Dr).

"Analysis of Cases of Epipharyngeal Tumors Manifested by Symptomatic
Trigeminus Neuralgia."

Budapest, Ideggyógyászati Szemle, Vol XIV, No 8, Aug 1963, pages 238-241.

Abstract: [Author's Hungarian summary] Histories of three cases of epi-
pharyngeal tumor are discussed and the symptomatology of such tumors is
summarized. The, so-called, latent stage is emphasized when only the organic
consideration of the pain and correct evaluation of the otological com-
plaints can lead to an early diagnosis. 5 Eastern European, 2 Western re-
ferences.

LUKACS, L.

Significance of extensive farming from the viewpoint of agricultural development. p. 391

Vol. 114, no. 7, July 1955

TERMESZET ES TUDOMANY

Budapest

Source: Monthly list of East European Accessions, (EEAL), LC,
Vol. 5, no. 3, March 1956

LUKACS, L.

Importance and advantages of metal supports in parallel roads. p. 285. (Banyaszati Lapok, Vol. 11, no. 5, May 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

LUKACS, L.

Economical use of iron in coal mining. p. 428 Vol. 11 No. 7 BANYASZATI
LAPOK. Budapest, Hungary. July 1956.

SOURCE: East European List, (EEAL) Library of Congress Vol. 6, No. 1
January 1956

LUKACS, L.

Installation and maintenance of yielding steel supports having channel- or bell-shaped cross sections. p. 25. (Banyaszati Lapok, Vol. 12, No. 1, Jan 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

LUKACS, L. (Budapest, V. Nador u.7.)

Analytic approaches to technology optimalization in ferrous metallurgy; an economic model. Periodica polytechn eng 5 no.3:263,283 '61.

1. Institute of Economics, Hungarian Academy of Sciences.

(Metallurgy)

LAKATOS, Maria, dr.; LUKACS, Laszlo, dr.; LEVENDEL, Laszlo, dr.

Data on the origin on thoracic spasms studied by electromyography.
Orv. hetil. 102 no.48:2278-2281 26 N '61.

1. Orszagos Koranyi Tbc Intezet es Fovarosi Tanacs V.B., Heine-Medin
Utokezezo Korhaz es Rendelointezet.

(THORAX) (ELECTROMYOGRAPHY) (SPASM)

KOLOS, Richard, egyetemi tanár; FISCHER, Imre; HARSANYI, Istvan, dr., docens, közgazdasági tudományok kandidátusa; LENGYEL, Karoly, dr., tudományos munkatárs; BALASSA, Laszlo, főelőadó; KOZMA, Pal, dr., főkönyvelő; KASPER, Egon, dr.; MACSKASZV, Pal; LUKACS, Laszlo, okleveles elektromérnök; SANTA, Balint, dr.

Scientific conference on retraining instrument industry personnel.
Meres automat 13 no.2/3:66 '65.

1. Secretary General, Council on Science and Higher Education, Budapest (for Kolos).
2. Head, Directorate of Instrument Industry of the Ministry of Metallurgy and Machine Industry, Budapest (for Fischer).
3. Instrument Industry Research Institute, Budapest (for Lengyel).
4. National Price Office, Budapest (for Balassa).
5. Instrument and Business Machine Trading Organization, Budapest (for Kozma).
6. Group Head, Ministry of Finance, Budapest (for Kasper).
7. Directorate of Instrument Industry of the Ministry of Metallurgy and Machine Industry, Budapest (for Santa).

LUKACS, Laszlo

Sprinkler and surface irrigation abroad. Vizugyi kozl
no.3:501-504 '62.

LUKACS, Laszlo

Modern machines at the Sopron Dress Factory. Ujit lap 12 no.15:30
10 Ag '60.

1. Soproni Noiruhagyar ujitasi eloadoja.

LUKACS, Laszlo; KOZAK, Miklos, dr.

Mud concentration measurement. Hidrologiai közlony 43 no.2:183-184
Ap '63.

1. "Hidrologiai Közöny" szerkeszto bizottsagi tagja (for Kozak).

LUKACS, Maria

From Baker's apprentice to iron industry apprentice.
Hungarian TU no.6:14-15 Je '61.

LUKACS, Maria

Behind the counter. Hungarian TU no.10:6-7 0 '61.

LUKACS, Maria

Working girls study. Hungarian TU no.11/12:26 '61.

LUKACS, Maria

It is not a matter of luck. Hungarian TU no.7:8-9 J1 '61.

LUKACS, Maria, dr.

Idiopathic hypoproteinemia — a protein-losing enteropathy. Orv.
hetil. 106 no.26:1215-1218 27 Je'65.

1. Janos korhaz, Gyermekosztaly (foorvas:Lenart, Gyorgy, dr.),
Budapest.

LUKACS, Otto

Some questions of organizing statistical work in the Republic of Cyprus. Stat szemle 41 no.8/9:828-842 Ag-3 '63.

1. Department Head, Central Statistical Office, Budapest, and Editorial Board Member, "Statizsztikai Szemle."

LUKACS, Otto; ROMAN, Zoltan

Re-examination of the industry's net production index. Stat
szemle 37 no.5:475-496 My '59.

1. "Statistikai Szemle" szerkeszto bizottsagi tagja (for Lukacs).

LUKACS, Otto

Development of the Hungarian industry in 1961. Stat szemle
40 no.4:343-356 Ap '62.

1. A Kozponti Statisztikai Hivatal foosztalyvezetoje.

KEREKES, Otto; LUKACS, Otto; TAR, Jozsef

Determination of the production index of the construction industry.
Stat szemle 40 no.6:630-642 Je '62.

1. Kozponti Statisztikai Hivatal foeladoja (for Kerekas).
2. Kozponti Statisztikai Hivatal foosztalyvezetoje (for Lukacs).
3. Kozponti Statisztikai Hivatal osztalyvezetoje (for Tar).

LUKACS, R.V.

Kwashiorkor in Korea. Acta med. hun. 15 no.1:265-266 '60.

1. 1st Department of Paediatrics, University Medical School, Budapest.
(KWASHIORKOR epidemiol.)

LUKACS, S.

The pressurized cabin and man. p. 15.
REPULES. (Magyar Onkentes Honvedelmi
Szovetseg) Budapest.
Vol. 9, no. 6, June 1956.

SOURCES: EEAL - LC Oct. 1956. Vol. 5 No. 10

LUKACS, S.

From the open cockpit to the pressurized cabin. P. 15
REPULES Budapest Vol. 9, no. 8, May 1956

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

LUKACS, S.

Catapult launching in the case of supersonic velocity.

P. 16 (REPULS) Budapest, Hungary Vol. 7, No. 4, July 1957.

SO: Monthly Index of East European Accessions (AEMI) Vol. 6, No. 11 November 1957.

LUKACS, Sandor, dr., orvos (Budapest)

Oxygen supply for Belka and Strelka on the spaceship.

Term tud kozl 4 no. 9: 390 S '60.

LUKACS, Sandor, dr. (Budapest); HALM, Tibor, dr.

"Defect" in the wall of the spaceship. Term tud kozl
4 no. 6:245-246 Je '60.

LUKACS, Sandor, dr.

Space ship problems. Elet tud 15 no.19:579-582 8 My '60.

LUKACS, Sandor, dr.

Belka and Strelka again on the earth. Elet tud 15 no.35:
1099 28 Ag '60.

LUKACS, Sandor, dr.

Man in space. Elet tud 16 no.16:502-505 16 Ap '61.

LUKACS, Sandor, dr.

Spaceship problems - novelties and curiosities. Elet tud 15
no.45:1431-1434 6 N '60.

LUKACS, Sandor, dr.

Why does the take off and landing make great demands on an astronaut's organism? What are the causes? Elet tud 16
no.18:546 30 Ap '61.

LUKACS, Sandor, dr.

The weightless man. Elet tud 16 no.18:565-567 30 Ap '61.

LUKACS, Sandor, dr., orvos

Physiological preparation of astronauts. Term tud kozl 5 no.5:195-196
My '61.

~~LUKACS, Sander, dr.~~

Who can be an astronaut? Elet tud 17 no.36:1123-1126
9 8 '62.

LUKACS, Sandor, dr.

How can a space pilot in the state of weightlessness perform his necessities of life, such as urination and defecation? Elet tud
17 no.42:1323 21 0 '62.

LUKACS, Sandor, dr.

Physiological experiments for increasing the effect of the
permanent extension of gravitational fields. Term tud kozl 7
no.8:374-376 Ag '63.

LUKACS, Sandor, dr., orvos-alezredes

Space flight problems in the distant future. Elet tud 18
no.44:1397-1399 3 N '63.

LUKACS, Sandro, dr.

The practitioner and air travel. 1. Biological and pathological effects of air travel. Medical problems of air travel. Orv. hetil. 105 no.49:2305-2313 6 D '64.

1. Nephadsereg Egészsügyi Szolgálat.

LUKACS, Sandor, dr.

The practicing physician and flying. II. Determination of the
ability to fly before air trips. Orv. hetil. 106 no.1:19-24
Ja 3 '65

Hungarian Army Medical Corps
1. A Magyar Nephadsereg Egyszsegugyi Szolgalata.

L 1695-66 FSS-2/FS(v)-3/EEC(k)-2/EEA(d) IT/DE/AD
ACCESSION NR: AT5013659 HU/0000/62/000/000/0103/0150

AUTHOR: Lukacs, Sandor⁴⁴ (Lieutenant Colonel, Doctor of medicine)
244

TITLE: Biological problems in space travel 271

SOURCE: Az urrepules es a tudomány; tanulmányok az urrepules fizikai, technikai, csillagászati, élettani es jogi problémáiról (Space flights and science; articles on flight physics, technology, astronomy, biology, and legal problems). Budapest, KK, 1962, 103-150

TOPIC TAGS: space biology, artificial space environment, space simulation

ABSTRACT: A general review is given of some biological aspects involved in space travel. The following subjects are covered: artificial atmosphere in the spacecraft; temperature tolerance of the human body; effects of extraterrestrial conditions on human vision; radiations in space and their effects on the human body; effects of solar flares on the human body; causes, probabilities, and consequences of impact by small and large meteorites; effects of extended periods of alertness; effects of vibration on the human body; effects of acceleration and deceleration on the human body; simulation of space-flight conditions in terrestrial facilities; short-term and long-range effects of weightlessness on the human body; urination and defecation under weightless conditions; effects of Coriolis forces on the human body.
Card 1/2

L 1695-66

ACCESSION NR: AT5013659

body; regeneration of air in the spacecraft; preparation and consumption of food by the astronauts; spacesuits; telemetry of biological functions and parameters during spaceflight; training of astronauts; and closed biological-ecological systems for extended space voyages. Orig. art. has: 14 figures and 3 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: LS, PH

NO REF SOV: 000

OTHER: 000

Card 2/2 *DP*

LUKACS, Szilveszter, dr.

Perforation of the gallbladder. Magy. Sebesz. 15 no.1:72-75 F '62.

1. A Borsod-Abaúj-Zemplen megyei Semmelweis Korház Baleset-Orthopaed
Sebeszeti Osztalya.

(GALLBLADDER wds & inj)

HUNGARY

LUKACS, Szilveszter, Dr, PRONAY, Gabor, Dr; Hospital of Szentpeterikapu, Accident Surgical and II. Medical Wards (Szentpeterkapui Korhaz, Bal-
eseti Sebeszet es II. Belosztaly), Borsod-Abauj-Zemplen Megye.

"The Results and Prognosis of Extensive Resection of the Small Intestine."

Budapest, Orvosi Hatalap, Vol 104, No 23, 9 June 63, pages 1088-1090.

Abstract: [Authors' Hungarian summary] The authors describe three cases where 200-400 cm long sections of the small intestines had to be re-
moved because of strangulation, mesenterial thrombosis and carcinoma.
In agreement with literary data it is their opinion that extensive re-
section of the small intestine is compatible with life. Health can be
achieved and maintained with a diet high in calories and vitamins. It
was found that life-saving extensive resections performed in acute cases
are of less disadvantage to the organism than a long-standing "blind
intestinal loop syndrome" of any etiology. 6 Western, 6 Eastern European
references.

1/1

HUNGARY

LUKACS, Dr Szilveszter, and CSATO, Dr Peter, of the Department of Trau-
matology and Orthopedic Surgery (Baleset-Orthopaed Sebeszeti Osztaly)
of the Hospital of Borsod-Abauj-Zemplen Megye (Borsod-Abauj-Zemplen
Megyei Korhaz).

"Hemorrhages in the Closed Cranial Cavity Resulting from Accidents"

Budapest, Magyar Traumatologia, Orthopaedia es Helyreallito Sebeszet,
Vol 6, No 3, 1963; pp 199-204.

Abstract [Authors' English summary]:

The authors describe the therapy to be used in cases of severe injuries to the brain
and its superficial hemorrhages. On the basis of 81 cases the questions of treating
such hemorrhages and their prognosis are dealt with. The authors refer to the factors
diminishing mortality, to the necessity of possibly early operative treatment of the
injured persons and to the rapid management of the troubles of the vegetative centres.
The extension of the field of indications for trepanation and some statutory measures
are absolutely needed too.

[16 references, mainly Eastern].

1/1

LUKACS, Tibor, dr.

Geodetic application of electronic digital mathematical
machines and mechanical data-processing installations in
Hungary. Geol kart 15 no.2:100-110 '63.

LUKACS, Tibor, dr.

"Tachymetric tables for mechanical computation" by [Dr] Zoltan
Tamas. Reviewed by Tibor Lukacs. Geod kart 15 no.4:305 '63.

LUKACS, Tibor, dr.

Experiments by tellurimeter. Geod kart 15 no. 6:417-421 '63.

LUKACS, Tilor, dr.

Efforts for the automation of surveying. Geod kart 16
no.5:374-375 '64.

LUKACS, Tibor, dr.

Solving linear equation systems by means of electronic computers. Geod kart 16 no.6:425-429 '64.

LUKACS, Tibor

Armament or disarmament. Pt. 2. (To be contd.). Term tud kozl
6 no.8:373-374 Ag '62.

LUKACS, Tibor

Armament or disarmament? Term tud kozl 6 no.9:415-416
S '62.

HONYI, Ede, dr., egyetemi adjunktus, a muszaki tudomanyok kandidatusa
LUKACS, Titor

The Pranis-Pranievich's multigroup method for compensating the
co-ordinates of large triangulation networks. Geod kart 14
no.4:227-238 '62.

1. Epitoipari es Kozlekedesi Muszaki Egyetem, Budapest (for Honyi).
2. Csoportvezeto mernok, Budapesti Geodeziai es Terkepészeti Val-
lalat (for Lukacs).

LUKACS, Tibor

Armament or disarmament? Pt. 6. (To be contd.) Term tud kozl 6
no.12:569-570 D '62.

LUKACS, Tibor

Armament or disarmament? Pt.4. (To be contd.) Term tud
kozl 6 no.10:467-468 0 '62.

LUKACS, Tibor

Armament of disarmament? Pt. 7. (To be contd.). Term tud kozl
7 no.1:38 Ja '63.

LUKACS, Tibor

Armament or-disarmament? Pt. 5. (To be contd.). Term tui kozl 6 no.11:
513-514 N '62.

LUKACS, Tibor

Armament or disarmament? Term tud kozl ? no.2:87-88 F '63.

LUKAS, Tibor

Armament or disarmament? Pt.9. Term tud kozl 7 no.3:130 Mr '63.

LUKACS, Tibor

Armament or disarmament? Pt.10. Term tud kozl 7 no.4:180-181
Ap '63.

LUKACS, Tibor

For forbidding nuclear tests. Term tud kozl 7 no.5:
228-229 My '63.

LUKACS, Tibor

Development of military engineering and the war production.

Term tud kozl 7 no.6:275-276 Je '63.

LEKACS, Tibor

~~Armament and economy.~~ Term tud kozl 7 no.7:323-324 JI '63.

LUKACS, Tibor

Secret of the bacteriological laboratory at Porton. Term tud
kozl 7 no.8:372-373 Ag '63.

X

LUKACS, Tibor

The nuclear test ban treaty and what is behind it. Term tud
kozl 7 no.11:517-518 N°63.

LUKACS, Tibor

Nuclear test ban agreement and its background.Pt.2. Term kud kozl
7 no.12:569-570 D '63.

LUKACS, Tibor, dr.

Effect of atmospheric conditions on electromagnetic distance
measurement. Geod kart 16 no.3:174-180 '64.